



ENGLISH

Datasheet

# RS PRO 19mm Metal Pushbutton Switches 24V, Red LED



RS Article No.	Body type	Button type	Contact Configuration	Operating type	Light type	LED color	LED voltage	Terminal Plating
111-5833	Al alloy(Black Anodized)	Flat	1NO 1NC	Momentary	N/A	N/A	N/A	Silver
111-5834	Al alloy(Black Anodized)	Flat	1NO 1NC	Lock	N/A	N/A	N/A	Silver



IP 67  
ACCORDING TO  
EN 60529:1991+A1:2001  
IEC 60529:2001



## **SPECIFICATIONS:**

**Rating:** 1th 5A/250VAC resistive load 3A/250VAC

**Contact Resistance:** 50mΩ max. @1A 12VDC (initial value)

**Insulation Resistance:** 1,000mΩ min. at 500VDC

**Dielectric Strength:** 2,000V RMS @sea level

**Operation Temperature:** -20°C to 55°C

**Mechanical Life:** 1,000,000 cycles; self-lock 500,000 cycles.

**Electrical Life:** 50,000 make-and-break cycles at full load

**Torque:** 5~14Nm

**Panel Thickness:** 10mm (Ø19.20mm)

**Operation Pressure:** 1Pole 2.5±1N / 2Poles 3.5±1N

**Travel:** about 3.2mm

**Ingress Protection:** IP67, IK10

## **Materials**

**Bushing:** Stainless Steel/ Nickel plated brass/ Aluminum alloy

**Base:** PBT (UL 94-V0), PC (UL 94-V2)

**Actuator:** PC (UL94-V2); Stainless Steel/ Nickel plated brass/ Aluminum alloy

**Inner Assembly:** POM/PA66

**SPRING:** Spring steel

**Sealing:** Silicone

**O-Ring:** Silicone

**Terminal/ Contact:** Cooper, Silver plated

**Hex Nut:** Nickel plated brass